

Form PO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO.: 50777/250037	SERIAL NO.: 09/924,037
MATERIAL INFORMATION STATEMENT (Use several sheets if necessary)		APPLICANT: Whittaker, et al.	
		FILING DATE: August 7, 2002	GROUP: 2633

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
VLe	3,883,217	05/13/75	Love et al.			
VLe	3,936,141	02/03/76	Milton			
VLe	4,054,366	10/18/77	Barnoski et al.			
VLe	4,166,946	09/04/79	Chown et al.			
VLe	4,234,969	11/18/80	Singh			
VLe	4,249,266	02/03/81	Nakamori			
VLe	4,301,543	11/17/81	Palmer			
VLe	4,307,933	12/29/81	Palmer et al.			
VLe	4,317,614	03/02/82	Palmer			
NLe	4,366,565	12/28/82	Herskowitz			
VLe	4,367,460	01/04/83	Hodara			
VLe	4,400,054	08/23/83	Biard, et al.			
VLe	4,423,922	01/03/84	Porter			
VLe	4,446,515	05/01/84	Sauer et al.			
NLe	4,457,581	07/03/84	Johnson et al.			
VLe	4,482,980	11/13/84	Korowitz et al.			
VLe	4,506,153	03/19/85	Ohno			
VLe	4,543,574	09/24/85	Takagi et al.			
VLe	4,554,511	11/19/85	Braun			
VLe	4,577,184	03/18/86	Hodara et al.			
VLe	4,595,839	06/17/86	Braun et al.			
VLe	4,630,256	12/16/86	Albanese			
VLe	4,671,608	06/19/87	Konishi			
VLe	4,674,830	06/23/87	Shaw et al.			
VLe	4,717,229	01/05/88	Cutler			
VLe	4,756,595	07/12/88	Braun et al.			
VLe	4,759,011	07/19/88	Hicks Jr.			
VLe	4,761,833	08/02/88	Epworth			
VLe	4,786,130	11/22/88	Georgiou et al.			
VLe	4,810,052	03/07/89	Filing			
VLe	4,845,483	07/04/89	Negishi			
VLe	4,850,047	07/18/89	Iguchi et al.			
VLe	4,883,335	11/28/89	Alfermess et al.			
VLe	4,898,565	02/06/90	Braun			
VLe	4,932,004	06/05/90	Hodara et al.			

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VLe	4,946,244	08/07/90	Schembri			
VLe	4,948,218	08/14/90	Kobayashi, et al.			
VLe	5,046,137	09/03/91	Kurobe et al.			
VLe	5,055,827	10/08/91	Philipp			
VLe	5,058,974	10/22/91	Mollenauer			
VLe	5,083,874	01/28/92	Aida et al.			
VLe	5,117,303	05/26/92	Desurvire et al.			
VLe	5,129,019	07/07/92	Robberg et al.			
VLe	5,133,031	07/21/92	Tanaka et al.			
VLe	5,179,603	01/12/93	Hall et al.			
VLe	5,181,134	01/19/93	Fatehi et al.			
VLe	5,185,735	02/09/93	Ernst			
VLe	5,187,605	02/16/93	Shikata et al.			
VLe	5,212,577	05/18/93	Nakamura et al.			
VLe	5,222,166	06/22/93	Weltha			
VLe	5,307,197	04/26/94	Tanabe et al.			
VLe	5,309,564	05/03/94	Bradley et al.			
NLe	5,315,424	05/24/94	Boden et al.			
VLe	5,317,580	05/31/94	Auffret et al.			
VLe	5,345,230	09/06/94	Jackson, et al.			
VLe	5,347,384	09/13/94	McReynolds et al.			
VLe	5,361,262	11/01/94	Cheung			
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VLe	5,483,233	01/09/96	Pettitt, et al.			
VLe	5,506,709	04/09/96	Segal, et al.			
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VLe	5,539,558	07/23/96	Yonemura et al.			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
✓	5,684,899	11/04/97	Ota				
	5,712,932	01/27/98	Alexander et al.				
	5,712,937	01/27/98	Asawa, et al.				
	5,717,795	02/10/98	Sharma et al.				
	5,745,479	04/28/98	Burns, et al.				
	5,764,821	06/09/98	Glance				
	5,778,118	07/07/98	Sridhar				
	5,793,908	08/11/98	Mizuochi et al.				
	5,796,890	08/18/98	Tsuji et al.				
	5,809,187	09/15/98	Peck, Jr. et al.				
	5,815,294	09/29/98	Ishikawa, et al.				
	5,825,515	10/20/98	Anderson				
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	5,838,989	11/17/98	Hutchison et al.				
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	5,949,560	09/07/99	Roberts, et al.				
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	6,075,628	06/13/00	Fisher, et al.				
	6,111,888	08/29/00	Green, et al.				
	6,122,095	09/19/00	Fatchi				
	6,128,111	10/03/00	Roberts				
	6,140,920	10/31/00	Roberts				
6,175,533	01/16/01	Lee, et al.					
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
✓	Appln. 0 069 356 A2	01/12/83	EPO				✓

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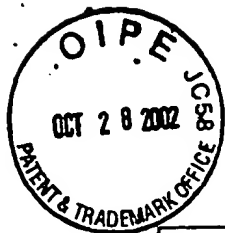


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1/6	Appln 0 105 753 A2	04/18/84	EPO			✓	
	Appln 0 164 652 A2	12/18/85	EPO				✓
	Appln 0 231 635 A2	08/12/87	EPO			✓	
	Appln 0 356 090 A2	02/28/90	EPO			✓	
	EP 0 393 293	10/24/90	EPO				
	EP 0 451 426	10/16/91	EPO				
	EP 0 503 212	09/16/92	EPO				
	Appln 0 739 103 A2	10/23/96	EPO			✓	
	Appln 0 744 797 A1	11/27/96	EPO				✓
	Appln 0 905 936 A2	03/31/91	EPO			✓	
	PUB EP000103873A2	03/28/84	EPO			✓	
	86-191340/30	06/13/86	France				✓
	DE 3807072 A1	08/04/88	Germany				✓
	DE 3938856 A1	11/23/89	Germany				✓
	DE 4331330 A1	09/15/93	Germany				✓
	DE 4427187 A1	02/08/96	Germany				✓
	7-202921	08/04/95	Japan				✓
	11-331224	03/31/99	Japan				✓
	9-321739	12/12/97	Japan			✓	
	11-87823	03/30/99	Japan			✓	
10-107773	04/24/98	Japan			✓		
9/51322	02/18/97	Japan			✓		
2,087,679	05/26/82	U.K.			✓		
2,102,232	01/26/83	U.K.			✓		
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	H. Hodara, and E. Miles, "High-Speed Local Area Networks", <u>Fiber and Integrated Optics</u> ; (1992) pp. 253-277.
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	ITU-T Recommendation G.692, Series G: Transmission Systems and Media, Digital Systems and Networks; Optical interfaces for multichannel systems with optical amplifiers (10/98)
	Chart and figures for optical fiber cable and baseband transmission, available at <a href="http://www.microsoft.com/technet/WFW/wfw31/1_ch1.asp">http://www.microsoft.com/technet/WFW/wfw31/1_ch1.asp</a>
	HDR 7.0 2 73; 7.0 Fiber Optic Ethernet - - Types FOIRL and 10 BASE-F available at <a href="http://www.uni-trier.de/infos/ether/ethernet-guide/ethernet-guide.html">http://www.uni-trier.de/infos/ether/ethernet-guide/ethernet-guide.html</a>
✓	3.0 IEEE Acronyms, available at <a href="http://spacey.net/davis/Design_Ethernet_Note.html">http://spacey.net/davis/Design_Ethernet_Note.html</a> , no date.
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	Karim, <u>Chaper 9: Electro-Optical Devices and Systems</u> , <u>Fiber-Optics-Based Devices and Systems</u> , pp. 434-435
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U.S. PATENT DOCUMENTS							
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JL	3,887,876	06/03/75	Zeidler				
	3,943,358	03/09/76	Reymond et al.				
	4,435,849	03/06/84	Ilgner et al.				
	4,731,784	03/15/88	Keller et al.				
	4,829,593	05/09/89	Hara				
	4,947,134	08/07/90	Olsson				
	4,958,354	09/18/90	Urakami et al.				
	5,080,505	01/14/92	Epworth				
	5,117,196	05/26/92	Epworth et al.				
	5,296,957	03/22/94	Takahashi et al.				
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JL	GB 2 255 683 A	11/11/92	Great Britain				
	DE 30 07 958	09/17/81	German*			X	
	GB 2 073 877 A	10/21/81	Great Britain				
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER: <i>JL</i>				DATE CONSIDERED: 04/07/05			
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\*For English version see related Great Britain Application No. 2 073 877 A







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Application Number	09/924,037
Filing Date	August 7, 2001
First Named Inventor	G. Allan Whittaker
Group Art Unit	2633
Examiner Name	
Attorney Docket Number	50777/250037

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Sheet 1 of 2

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
✓		0 899 161 A1	03/03/1999	Europe		Abstract
		0 350 720 A2 and A3	01/17/2001	Europe		Abstract
		0 414 333 A2 and A3	02/27/1991	Europe		

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PTO/SB/08A (10-01)

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Application Number	09/924,037
Date Filed:	August 7, 2001
First Named Inventor	Whittaker
Group Art Unit	2633
Examiner Name	
Attorney Docket Number	46635/284565

**U. S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
je		4,545,074	10/01/1985	Balliet, et al.	RECEIVED APR 28 2004 Technology Center 2600
		2002/0018260 A1	02/14/2002	Kisovec, et al.	
		6,449,072 B1	09/10/2002	Sian, et al.	

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
je		0 380 341 A2	08/01/1990	Europe		
		1 246 378 A2	10/02/2002	Europe		

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
je		International Search Report in related Application No. PCT/US03/30326	
		International Search Report in related Application No. PCT/US03/29970	

Examiner Signature		Date Considered	04/07/05
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Application Number	09/924037
Filing Date	August 7, 2001
First Named Inventor	G. Allan Whittaker
Group Art Unit	2633
Examiner Name	KIZOU, Hassan
Attorney Docket Number	50777/250037

Sheet	1	of	1
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Sheet

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**Group Art Unit**

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Examiner Name

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